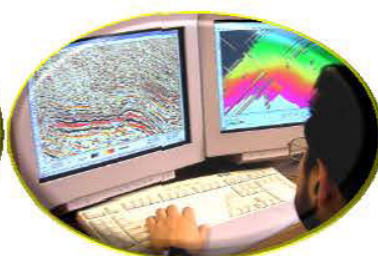


## **WELL DRILLING INSTITUTE**

**A set of industry-focussed and field-oriented training modules**



### **TRAINING PROGRAMME:**

## **“OIL FIELD FAMILIARIZATION”**

(A 30-Credit Hours Extensive Training Programme)

### **COURSE CODE:**

**WDI-O.F.F-005**

### **DESIGNED FOR:**

**YOUNG PETROLEUM ENGINEERS, GEOLOGISTS,  
GEOPHYSICISTS & DIPLOMA HOLDERS**

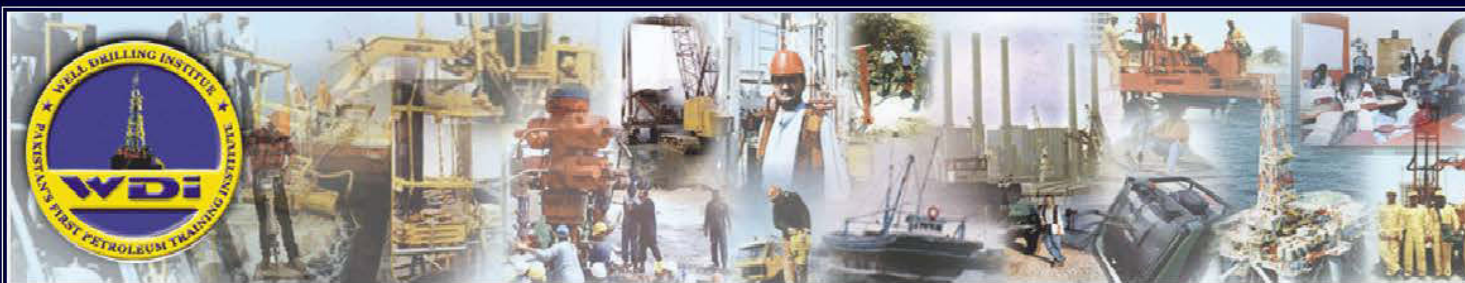
### **COURSE TO BE CONDUCTED AT:**

**WELL DRILLING INSTITUTE (WDI)**

Suite # 101, 1st Floor, Arab Business Center,  
Plot # 5, Bahadurabad Chowrangi, Karachi - Pakistan  
Tel: 021-34925655, 34925654  
Email: [wdipetroleum@gmail.com](mailto:wdipetroleum@gmail.com)  
Facebook: [wdi.petroleum](https://www.facebook.com/wdi.petroleum) - Website: [secura-group.com](http://secura-group.com)

In building good governance one can start at any point in the process — “top” or “bottom” — and produce positive results. Honest, dedicated leaders are essential, and much can be done to identify and cultivate the qualities of leadership in schools and training institutions.





## **Technical skill shared with educational competence...**

### **OIL FIELD FAMILIARIZATION**

#### **WDI-O.F.F-005**

#### **WHO SHOULD ATTEND?**

This course is recommended for fresh Petroleum Engineers, Students of Petroleum Engineering, Geology, Geophysics disciplines, as well as Diploma holders (in Mechanical, Power, Chemical and Instrumentation), and non-technical E&P Personnel such as; Logistics, Finance and Procurements who want to understand the petroleum engineering field.

#### **COURSE OBJECTIVES**

This programme is designed with clear industry orientation. The competencies acquired through this programme will enable the participants to contribute actively to petroleum exploration and production industry. Upon completion of the course participants;

- will have sound knowledge about techniques and problems related to field development from drilling to surface facilities,
- will understand the main stakes related to the energy business,
- will be able to fully communicate with the personnel involved with it.

#### **PEDAGOGY**

Including Rig-site visit and Video Movies etc.

WDI is the Pakistan's 1st Petroleum Industry Training Institute, in Private sector where quality education is imparted according to the need and requirement of the E&P Industry.

WDI Short Certificate Programs (for Engineering Students, as well as for Corporate Levels) are a recommended grouping of courses within a subject area or discipline that support the development of specific knowledge and skills applicable to the workplace. Our training programs are designed, developed and updated by our highly Professional team of training experts with input of our overseas partner institutions, industry, and client/learner feedback.

Our training programs are designed for those who would like to increase their existing and working knowledge of all of the technical aspects of the Oil & Gas Industry. Those already in the industry or from ancillary Industries can increase and boost their technical understanding of the very dynamic energy business. Participants new to the industry can expect to be well prepared for many of the administrative and support-level technical positions that are in high demand today with Energy Companies.

WDI now offers a Short Certificate Program of 30-Credit Hours in "OIL FIELD FAMILIARIZATION" on regular (WEEK-DAYS & WEEK-ENDS) basis.

This course aims to provide comprehensive knowledge of oil industry from the exploration of a well to the abandonment of a well.

#### **COURSE CONTENT:**

1. Introduction to Oil & Gas Industry
2. Basic Petroleum Geology
3. Chemistry of Petroleum
4. Drilling a Well
5. Casing and Cementing
6. Deviation in Vertical Well
7. Fishing Job
8. Reservoir Engineering
9. Gas Processing
10. Production Operation
11. Enhanced Oil Recovery
12. Logging and Testing